

ABSTRACT

Battery pack 10 may include rechargeable battery 12 and remaining capacity indicating circuit 14 for indicating the remaining capacity of the battery 12.

Remaining capacity indicating circuit 14 may be coupled to the battery 12 via first switch SW1. When first switch SW1 is turned ON, a current flows from battery 12 to remaining capacity indicating circuit 14. When the first switch SW1 is turned OFF, the current flowing from battery 12 to remaining capacity indicating circuit 14 is turned OFF. The first switch SW1 may be coupled to first voltage detecting circuit (R2, R3) for detecting the voltage of battery 12. When the voltage that is being detected of battery 12 falls below a first predetermined value, first switch SW1 is turned off. Battery pack 10 may further include cut-off circuit (SW2, R4, R5) that cuts off the flow of current from battery 12 to first voltage detecting circuit (R2, R3) when first switch SW1 has been turned OFF.